Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019970.D
Acq On : 26 May 2022 13:05
Operator : CG/JU
Sample : N2958-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT172S1-20220516MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 03:07:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4137	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	14352	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	8821	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	17573	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	11808	0.400	ng	#	0.00
35) Perylene-d12	23.732	264	9641	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	1177	0.114	ng		0.00
5) Phenol-d6	7.016	99	914	0.070	ng		0.00
8) Nitrobenzene-d5	8.993	82	2522	0.233	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	6238	0.250	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	948	0.272	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	9803	0.255	ng		0.00
27) Fluoranthene-d10	19.240	212	17446	0.349	ng		0.00
31) Terphenyl-d14	19.839	244	13106	0.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	7455m	1.518	ng		
3) n-Nitrosodimethylamine	3.673	42	517	0.096	ng	#	98
6) bis(2-Chloroethyl)ether	7.269	93	2897	0.229	ng		99
9) Naphthalene	10.690	128	10167	0.233	ng		99
10) Hexachlorobutadiene	10.978	225	1697	0.214	ng	#	98
12) 2-Methylnaphthalene	12.299	142	6897	0.232	ng		99
16) Acenaphthylene	14.185	152	10711m	0.259	ng		
17) Acenaphthene	14.527	154	6788	0.222	ng		96
18) Fluorene	15.511	166	9026	0.233	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	245	0.097	ng	#	52
21) 4-Bromophenyl-phenylether	16.405	248	2991	0.279	ng	#	85
22) Hexachlorobenzene	16.528	284	3452	0.290	ng		99
23) Atrazine	16.661	200	2304	0.329	ng		96
24) Pentachlorophenol	16.866	266	1528	0.333	ng		97
25) Phenanthrene	17.246	178	17517	0.288	ng		99
26) Anthracene	17.338	178	15175	0.295	ng		100
28) Fluoranthene	19.269	202	20183	0.309	ng		100
30) Pyrene	19.632	202	20338	0.406	ng		100
32) Benzo(a)anthracene	21.377	228	15168	0.352	ng		98
33) Chrysene	21.431	228	15106	0.313	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	12487	0.697	ng		98
36) Indeno(1,2,3-cd)pyrene	26.138	276	12832	0.284	ng		99
37) Benzo(b)fluoranthene	23.024	252	13658	0.325	ng		97
38) Benzo(k)fluoranthene	23.071	252	13522	0.303	ng		97
39) Benzo(a)pyrene	23.632	252	12243	0.370	ng		95
40) Dibenzo(a,h)anthracene	26.150	278	10579	0.291	ng		99
41) Benzo(g,h,i)perylene	26.869	276	10923	0.292	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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